

What is claimed is:

1. A stimuable phosphor panel, comprising:

i) a support plate, and

ii) a stimuable phosphor layer, which is overlaid

5 on the support plate,

the stimuable phosphor panel being adapted to be located in a radiation image read-out apparatus capable of performing a radiation image read-out operation for reading out a radiation image, which has been stored on the stimuable phosphor layer of the stimuable phosphor panel,

10 wherein the stimuable phosphor panel is provided with position adjusting members, each of which has a position adjusting reference surface for adjustment of a position of the stimuable phosphor panel at the time of an operation for locating the stimuable phosphor panel in the radiation image read-out apparatus, such that the position adjusting members are capable of being displaced, and

15 a spacing between the position adjusting reference surface of each of the position adjusting members and a surface of the stimuable phosphor layer is capable of being adjusted with an operation for displacing each of the position adjusting members.

20 2. A stimuable phosphor panel as defined in Claim 1 wherein the stimuable phosphor panel is adapted to be located in the radiation image read-out apparatus, which is constituted as a radiation image recording and read-out apparatus capable

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of performing both the radiation image read-out operation and a radiation image recording operation for recording the radiation image on the stimuable phosphor panel located in the radiation image read-out apparatus.

5 3. A stimuable phosphor panel as defined in Claim 1 wherein the support plate has internally threaded holes, which are open at a bottom surface of the support plate,

each of the position adjusting members comprises an external thread section, which is engaged with one of the
10 internally threaded holes of the support plate, and a bottom surface section, which is formed under the external thread section, and

a bottom end face of the bottom surface section of each of the position adjusting members acts as the position
15 adjusting reference surface.

4. A stimuable phosphor panel as defined in Claim 2 wherein the support plate has internally threaded holes, which are open at a bottom surface of the support plate,

each of the position adjusting members comprises an
20 external thread section, which is engaged with one of the internally threaded holes of the support plate, and a bottom surface section, which is formed under the external thread section, and

a bottom end face of the bottom surface section of each of the position adjusting members acts as the position
25 adjusting reference surface.

5. A stimulable phosphor panel as defined in Claim 1 wherein the support plate has through-holes,

each of the position adjusting members is constituted of a micrometer head, whose shaft is inserted into one of the through-holes of the support plate, and

a bottom end of the shaft of the micrometer head acts as the position adjusting reference surface.

6. A stimulable phosphor panel as defined in Claim 2 wherein the support plate has through-holes,

each of the position adjusting members is constituted of a micrometer head, whose shaft is inserted into one of the through-holes of the support plate, and

a bottom end of the shaft of the micrometer head acts as the position adjusting reference surface.

7. A stimulable phosphor panel as defined in Claim 1 wherein the support plate has holes, which are open at a bottom surface of the support plate,

each of the position adjusting members is constituted of a block, which is inserted into one of the holes of the support plate, and a spacer, which is inserted between the block and the support plate, and

a bottom end face of the block acts as the position adjusting reference surface.

8. A stimulable phosphor panel as defined in Claim 2 wherein the support plate has holes, which are open at a bottom surface of the support plate,

each of the position adjusting members is constituted of a block, which is inserted into one of the holes of the support plate, and a spacer, which is inserted between the block and the support plate, and

5 a bottom end face of the block acts as the position adjusting reference surface.

9. A stimuable phosphor panel as defined in Claim 1 wherein the support plate is provided with a mounting surface, which is formed at a marginal area of the support plate, the
10 marginal area being located on the side of the stimuable phosphor layer,

each of the position adjusting members is constituted of a flat plate, which is capable of being fitted to the mounting surface via a spacer, and

15 a bottom surface of the flat plate acts as the position adjusting reference surface.

10. A stimuable phosphor panel as defined in Claim 2 wherein the support plate is provided with a mounting surface, which is formed at a marginal area of the support plate, the
20 marginal area being located on the side of the stimuable phosphor layer,

each of the position adjusting members is constituted of a flat plate, which is capable of being fitted to the mounting surface via a spacer, and

25 a bottom surface of the flat plate acts as the position adjusting reference surface.